

Title (en)

Dropped-form document image compression

Title (de)

Bildkompression von Dokumenten mit Aufgeben des Formblattes

Title (fr)

Compression d'images de documents avec dépôt de la feuille formulaire

Publication

**EP 0658042 B1 19981111 (EN)**

Application

**EP 94308851 A 19941130**

Priority

US 16417593 A 19931209

Abstract (en)

[origin: US5631984A] The present invention provides a method and apparatus for compressing images of financial instruments and other documents. The method of the present invention includes the steps of scanning a plurality of documents to obtain an electronic image of each document; identifying a static portion in the electronic image of each of the documents, containing information which remains substantially unchanged for the plurality of documents, by locating and reading a document identifier in the image; storing the document identifier in a database; identifying a dynamic portion, typically containing distinct information for each of the documents, in each of the electronic images; isolating the dynamic portion from the static portion within the image to obtain a dynamic image containing only the dynamic portion; and storing the dynamic image in the database. The present invention provides efficient techniques for identifying and isolating dynamic information in a document, such as handwritten text on a check.

IPC 1-7

**H04N 1/411**

IPC 8 full level

**G06K 9/00** (2006.01); **G06K 9/20** (2006.01); **G06K 9/66** (2006.01); **H04N 1/411** (2006.01); **H04N 1/417** (2006.01)

CPC (source: EP US)

**G06V 30/412** (2022.01 - EP US); **H04N 1/4115** (2013.01 - EP US); **H04N 1/4177** (2013.01 - EP US)

Cited by

GB2330030A; US6094278A; US7925555B2; US7495794B1; US7584148B2; US7962412B2

Designated contracting state (EPC)

DE ES FR GB

DOCDB simple family (publication)

**US 5631984 A 19970520**; CA 2134255 A1 19950610; CA 2134255 C 19990713; CN 1080059 C 20020227; CN 1112759 A 19951129; DE 69414530 D1 19981217; DE 69414530 T2 19990610; EP 0658042 A1 19950614; EP 0658042 B1 19981111; ES 2126072 T3 19990316; JP H07200720 A 19950804; SG 46207 A1 19980220

DOCDB simple family (application)

**US 41891795 A 19950407**; CA 2134255 A 19941025; CN 94119354 A 19941206; DE 69414530 T 19941130; EP 94308851 A 19941130; ES 94308851 T 19941130; JP 30453394 A 19941208; SG 1996000628 A 19941130